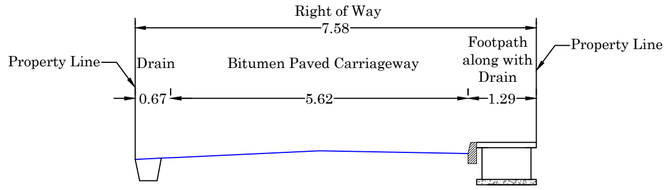
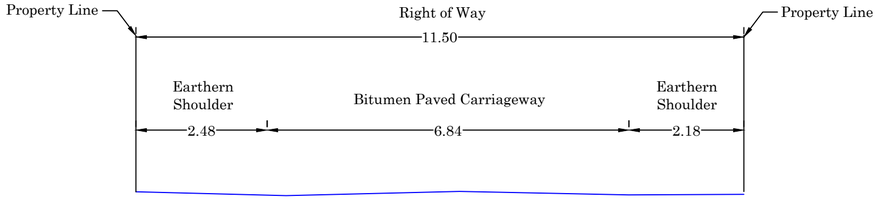
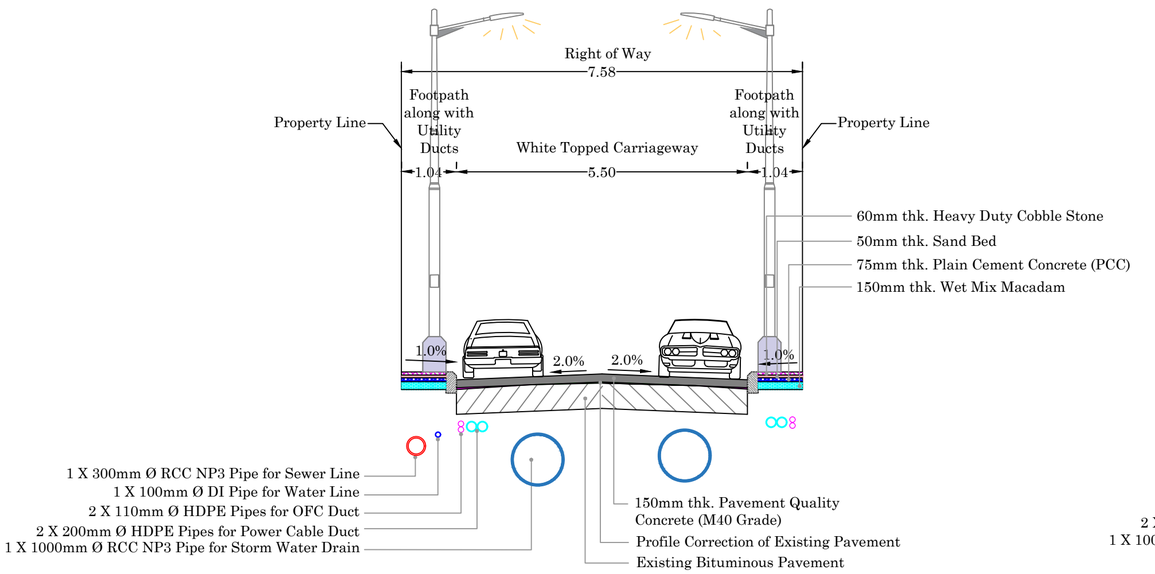


Existing Cross Section at Ch: 60

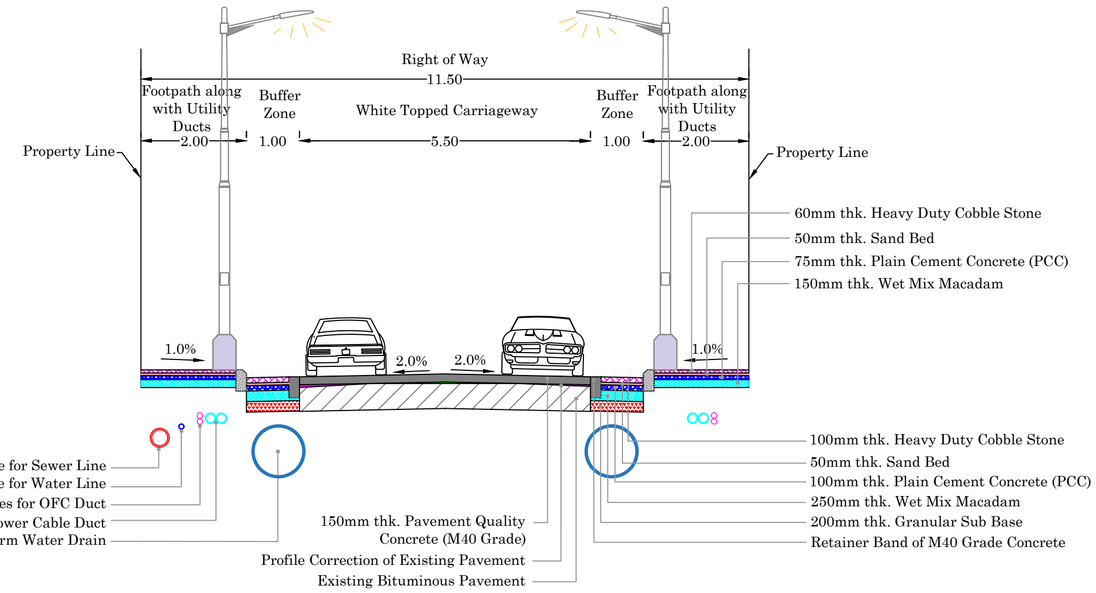


Existing Cross Section at Ch: 500


Right of Way
7.58
Property Line
Footpath along with Utility Ducts
White Topped Carriageway
Footpath along with Utility Ducts
Property Line
1.04
5.50
1.04
60mm thk. Heavy Duty Cobble Stone
50mm thk. Sand Bed
75mm thk. Plain Cement Concrete (PCC)
150mm thk. Wet Mix Macadam
1.0%
2.0%
2.0%
1.0%
1 X 300mm Ø RCC NP3 Pipe for Sewer Line
1 X 100mm Ø DI Pipe for Water Line
2 X 110mm Ø HDPE Pipes for OFC Duct
2 X 200mm Ø HDPE Pipes for Power Cable Duct
1 X 1000mm Ø RCC NP3 Pipe for Storm Water Drain
150mm thk. Pavement Quality Concrete (M40 Grade)
Profile Correction of Existing Pavement
Existing Bituminous Pavement

Proposed Typical Cross Section

(This Proposal is applicable from Ch: 0 to Ch: 140)


Right of Way
11.50
Property Line
Footpath along with Utility Ducts
Buffer Zone
White Topped Carriageway
Buffer Zone
Footpath along with Utility Ducts
Property Line
2.00
1.00
5.50
1.00
2.00
60mm thk. Heavy Duty Cobble Stone
50mm thk. Sand Bed
75mm thk. Plain Cement Concrete (PCC)
150mm thk. Wet Mix Macadam
1.0%
2.0%
2.0%
1.0%
1 X 300mm Ø RCC NP3 Pipe for Sewer Line
1 X 100mm Ø DI Pipe for Water Line
2 X 110mm Ø HDPE Pipes for OFC Duct
2 X 200mm Ø HDPE Pipes for Power Cable Duct
1 X 1000mm Ø RCC NP3 Pipe for Storm Water Drain
100mm thk. Heavy Duty Cobble Stone
50mm thk. Sand Bed
100mm thk. Plain Cement Concrete (PCC)
250mm thk. Wet Mix Macadam
200mm thk. Granular Sub Base
Retainer Band of M40 Grade Concrete
150mm thk. Pavement Quality Concrete (M40 Grade)
Profile Correction of Existing Pavement
Existing Bituminous Pavement

Proposed Typical Cross Section

(This Proposal is applicable from Ch: 160 to Ch: 640)

NOTES:

1. All Dimensions, Levels and Chainages are in metre unless otherwise specified.

DATE	SCALE	REV. No.	JOB No.	SHEET SIZE	SHEET No.
Jan 2024	NTS	R0	2789	A2	1 / 2

Dwg. No. MC / BBMP / 2789 / WT / PC – 5 / Rajiv Gandhi Nagara / PTCS / 405A

CONSULTANT:
MANASA CONSULTANTS
CONSULTING ENGINEERS AND DESIGNERS
No. 91, West Park Road, between 17th and 18th Cross
Malleshwaram, Bengaluru – 560 055
Tel: (080) 23318602, 43705818
email: manasaconsultants1991@gmail.com

CLIENT:
BRUHAT BENGALURU MAHANAGARA PALIKE

TITLE:
Proposed Typical Cross Section Details
Rajiv Gandhi Nagara Railway Parallel Road from Kodigehalli Railway Station to Sahakar Nagara RUB

PROJECT:
Comprehensive Development of Roads by providing White Topping in Byatarayanapura, Yelahanka and Malleshwaram Constituencies in Bengaluru City for the Year 2023 – 24 under Package – 4